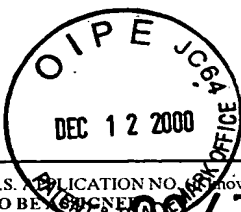


12/14/00 525 Rec'd PCI/PTO 12 DEC 2000

FORM PTO-990 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER PF-0544 USN
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) TO BE ASSIGNED 09/719601
INTERNATIONAL APPLICATION NO. PCT/US99/14711	INTERNATIONAL FILING DATE 29 June 1999	PRIORITY DATE CLAIMED 30 June 1998
TITLE OF INVENTION HUMAN OXIDOREDUCTASE PROTEINS		
APPLICANT(S) FOR DO/EO/US INCYTE PHARMACEUTICALS, INC.; BANDMAN, Olga; HILLMAN, Jennifer L.; TANG, Y. Tom; LAL, Preeti; CORLEY, Neil C.; GUEGLER, Karl J.; GORGONE, Gina A.; BAUGHN, Mariah R.		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"><input checked="" type="checkbox"/> This is the FIRST submission of items concerning a filing under 35 U.S.C. 371.<input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.<input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371 (f)).<input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none"><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau)<input type="checkbox"/> has been communicated by the International Bureau.<input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).<input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none"><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<input type="checkbox"/> have been communicated by the International Bureau.<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<input checked="" type="checkbox"/> have not been made and will not be made.<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 16 below concern document(s) or information included:		
<ol style="list-style-type: none"><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.27 and 3.31 is included.<input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.<input type="checkbox"/> A substitute specification.<input type="checkbox"/> A change of power of attorney and/or address letter.<input checked="" type="checkbox"/> Other items or information:<ol style="list-style-type: none">1) Transmittal Letter (2 pp, in duplicate)2) Return Postcard3) Express Mail Label No.: EL 579 976 513 US		

2000 DEC 12 14 00



JC01 Rec'd PCT/PTO 12 DEC 2000

U.S. APPLICATION NO. (known, see 37 CFR 1.5) TO BE FILED IN: 09/719601	INTERNATIONAL APPLICATION NO.: PCT/US99/14711	ATTORNEY'S DOCKET NUMBER PF-0544 USN
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17. <input type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO... \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$710.00 <input checked="" type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$690.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$690.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	20 =	0	X \$ 18.00	\$	
Independent Claims	2 =	0	X \$ 80.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$690.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$690.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$690.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$690.00	
				Amount to be Refunded:	\$
				Charged:	\$

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
b. ☒ Please charge my Deposit Account No. 09-0108 in the amount of \$ 690.00 to cover the above fees.
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 09-0108. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must
be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

INCYTE GENOMICS, INC.
3160 Porter Drive
Palo Alto, CA 94304


SIGNATURE

NAME: Diana Hamlet-Cox

REGISTRATION NUMBER: 33,302

DATE: 12 December 2000